

AUTHOR INDEX

- Adunyah, S.E. and Dean, W.L.
Regulation of human platelet membrane Ca^{2+} transport by cAMP- and calmodulin-dependent phosphorylation (930) 401
- Alford, C.E., see Brass, E.P. (930) 122
- Alliende, C., see López-Solis, R.O. (930) 463
- Allietta, M., see Nichols, G.E. (930) 154
- Anderson, E.E., see Tymoczko, J.L. (930) 114
- Awai, M., see Kitagawa, S. (930) 48
- Beezhold, D., see Molnar, J. (930) 326
- Bellon, G., Monboisse, J.-C., Randoux, A. and Borel, J.-P.
Effects of preformed proline and proline amino acid precursors (including glutamine) on collagen synthesis in human fibroblast cultures (930) 39
- Benveniste, J., see Hirafuji, M. (930) 359
- Beppu, M., Ochiai, H. and Kikugawa, K.
Macrophage recognition of the erythrocytes modified by oxidizing agents (930) 244
- Bikle, D.D., see Feingold, K.R. (930) 193
- Boarato, E., see Mietto, B.L. (930) 145
- Bominaar, T.A., see De Wit, R.J.W. (930) 1
- Borel, J.-P., see Bellon, G. (930) 39
- Brass, E.P., Alford, C.E. and Garrity, M.J.
Inhibition of glucagon-stimulated cAMP accumulation and fatty acid oxidation by E-series prostaglandins in isolated rat hepatocytes (930) 122
- Bruni, A., see Mietto, B.L. (930) 145
- Bucvalas, J.C., see Hoath, S.B. (930) 107
- Bulgakov, R., see De Wit, R.J.W. (930) 1
- Burlini, N., Lamponi, S., Radrizzani, M., Monti, E. and Tortora, P.
Identification of a phosphorylated form of phosphoenolpyruvate carboxykinase from the yeast *Saccharomyces cerevisiae* (930) 220
- Cahill, A.L. and Perlman, R.L.
Preganglionic stimulation increases the phosphorylation of tyrosine hydroxylase in the superior cervical ganglion by both cAMP-dependent and Ca^{2+} -dependent protein kinases (930) 454
- Cahnmann, H.J., see Sheer, D.G. (930) 101
- Caldarera, C.M., see Stefanelli, C. (930) 79
- Caldarera, I., see Guarnieri, C. (930) 135
- Campbell, D.G., see McGowan, C.H. (930) 279
- Carati, D., see Stefanelli, C. (930) 79
- Chiba, T., Nagai, Y. and Kakinuma, K.
Cerebroside sulfuric ester (sulfatide) induces oxygen radical generation in guinea-pig leukocytes (930) 10
- Christensen, E.I., see Moestrup, S.K. (930) 297
- Cohen, P., see McGowan, C.H. (930) 279
- Dahlgren, C.
Difference in extracellular radical release after chemotactic factor and calcium ionophore activation of the oxygen radical-generating system in human neutrophils (930) 33
- Daly, J.W., McNeal, E.T. and Gusovsky, F.
Cardiotonic activities of pumiliotoxin B, pyrethroids and a phorbol ester and their relationships with phosphatidylinositol turnover (930) 470
- Daly, J.W., see Hollingsworth, E.B. (930) 272
- Danilov, S.M., see Sakharov, D.V. (930) 140
- Dean, W.L., see Adunyah, S.E. (930) 401
- De Blasi, A., see Fratelli, M. (930) 87
- Degani, H., see Neeman, M. (930) 179
- De Pont, J.J.H.H.M., see Willems, P.H.G.M. (930) 230
- De Sánchez, V.C., see Hernández-Muñoz, R. (930) 254
- De Wit, R.J.W., Bulgakov, R., Bominaar, T.A. and De Wit, T.F.R.
Differential effects of stimulus termination on excitation and desensitization of folic acid receptors and guanylate cyclase in *Dictyostelium discoideum* (930) 1
- De Wit, T.F.R., see De Wit, R.J.W. (930) 1
- Díaz-Muñoz, M., see Hernández-Muñoz, R. (930) 254
- Dierks-Ventling, C., see Jans, D.A. (930) 392
- Dimaline, R., Young, J., Thwaites, D.T., Lee, C.M., Shuttleworth, T.J. and Thorndyke, M.C.
A novel vasoactive intestinal peptide (VIP) from elasmobranch intestine has full affinity for mammalian pancreatic VIP receptors (930) 97
- Domogatsky, S.P., see Sakharov, D.V. (930) 140
- Drevon, C.A., see Rustan, A.C. (930) 311
- Dynia, D.W., see Kresch, M.J. (930) 19
- Elias, P.M., see Feingold, K.R. (930) 193
- Elliott, B.M., see Hand, D. (9) 432
- Eriksson, J.E., Hägerstrand, H. and Isomaa, B.
Cell selective cytotoxicity of a peptide toxin from the cyanobacterium *Microcystis aeruginosa* (930) 304
- Fahrenholz, F., see Jans, D.A. (930) 392
- Feingold, K.R., Williams, M.L., Pillai, S., Menon, G.K., Haloran, B.P., Bikle, D.D. and Elias, P.M.
The effect of vitamin D status on cutaneous sterogenesis in vivo and in vitro (930) 193
- Flamigni, F., see Guarnieri, C. (930) 135
- Flamigni, F., see Stefanelli, C. (930) 79
- Forte, J.G., see Urushidani, T. (930) 209

- Fratelli, M., Marasco, O. and De Blasi, A.
Two subpopulations of α_1 -adrenergic receptors with high and low affinity for agonists: short-term exposure to agonists reduced the high-affinity sites (930) 87
- Fuhr, G., Geissler, F., Müller, T., Hagedorn, R. and Torner, H.
Differences in the rotation spectra of mouse oocytes and zygotes (930) 65
- Gajdas, E.L., see Jans, D.A. (930) 392
- Galles, M., see Molnar, J. (930) 326
- Gardner, J.D., see Younes, M. (930) 410
- Garrity, M.J., see Brass, E.P. (930) 122
- Geissler, F., see Fuhr, G. (930) 65
- Georgountzos, A., see Guarnieri, C. (930) 135
- Glasel, J.A.
Physical characterization of native opiate receptors. Additional information from detailed binding analysis of a radiation-inactivated receptor (930) 201
- Gliemann, J., see Moestrup, S.K. (930) 297
- González, J., see López-Solis, R.O. (930) 463
- Graham, J., see Grant, D. (930) 346
- Grant, D., Siddiqui, S. and Graham, J.
Receptor-mediated endocytosis of enterokinase by rat liver. Preliminary characterisation of low-density endosomes (930) 346
- Griffin, M., see Hand, D. (9) 432
- Gross, I., see Kresch, M.J. (930) 19
- Guarnieri, C., Georgountzos, A., Caldarera, I., Flamigni, F. and Ligabue, A.
Polyamines stimulate superoxide production in human neutrophils activated by *N*-fMet-Leu-Phe but not by phorbol myristate acetate (930) 135
- Gusovsky, F., see Daly, J.W. (930) 470
- Haenen, H.E.M.G., see Willems, P.H.G.M. (930) 230
- Hagedorn, R., see Fuhr, G. (930) 65
- Hägerstrand, H., see Eriksson, J.E. (930) 304
- Hagley, R.D., Hissom, J.R. and Moore, M.R.
Progesterin stimulation of lactate dehydrogenase in the human breast cancer cell line T-47D (930) 167
- Halloran, B.P., see Feingold, K.R. (930) 193
- Hand, D., Elliott, B.M. and Griffin, M.
Correlation of changes in transglutaminase activity and polyamine content of neoplastic tissue during the metastatic process (9) 432
- Hanzel, D.K., see Urushidani, T. (930) 209
- Hemmings, B.A., see Jans, D.A. (930) 392
- Hernández-Muñoz, R., Díaz-Muñoz, M. and De Sánchez, V.C.
In vivo and in vitro adenosine stimulation of ethanol oxidation by hepatocytes, and the role of the malate-aspartate shuttle (930) 254
- Hirafuji, M., Mencia-Huerta, J.M. and Benveniste, J.
Regulation of PAF-acether (platelet-activating factor) biosynthesis in cultured human vascular endothelial cells stimulated with thrombin (930) 359
- Hissom, J.R., see Hagley, R.D. (930) 167
- Hoath, S.B., Pickens, W.L., Bucuvalas, J.C. and Suchy, F.J.
Characterization of hepatic epidermal growth factor receptors in the developing rat (930) 107
- Hollingsworth, E.B. and Daly, J.W.
Inhibition of receptor-mediated stimulation of cyclic AMP accumulation in neuroblastoma-hybrid NCB-20 cells by a phorbol ester (930) 272
- Holmsen, H., see Tysnes, O.-B. (930) 338
- Hotta, H., see Takagi, K. (930) 320
- Isomaa, B., see Eriksson, J.E. (930) 304
- Jans, D.A., Gajdas, E.L., Dierks-Ventling, C., Hemmings, B.A. and Fahrenholz, F.
Long-term stimulation of cAMP production in LLC-PK₁ pig kidney epithelial cells by salmon calcitonin or a photo-activatable analogue of vasopressin (930) 392
- Jensen, R.T., see Younes, M. (930) 410
- Kakar, S.S., see Mellgren, R.L. (930) 370
- Kakinuma, K., see Chiba, T. (930) 10
- Kametani, F., see Kitagawa, S. (930) 48
- Kauppinen, R.A., Sihra, T.S. and Nicholls, D.G.
Aminooxyacetic acid inhibits the malate-aspartate shuttle in isolated nerve terminals and prevents the mitochondria from utilizing glycolytic substrates (930) 173
- Kaye, A.M., see Neeman, M. (930) 179
- Kikugawa, K., see Beppu, M. (930) 244
- Kitagawa, S., Awai, M. and Kametani, F.
Relationship of the effects of nigericin on the aggregation and cytoplasmic pH of bovine platelets in the presence of different cations (930) 48
- Koike, T., see Takashima, A. (930) 264
- Krans, H.M.J., see Maassen, J.A. (930) 72
- Kresch, M.J., Dynia, D.W. and Gross, I.
Culture of differentiated and undifferentiated type II cells from fetal rat lung (930) 19
- Ku, C.S.-L., see Molnar, J. (930) 326
- Lai, M.Z., see Molnar, J. (930) 326
- Lamponi, S., see Burlini, N. (930) 220
- Lane, R.D., see Mellgren, R.L. (930) 370
- Lee, C.M., see Dimaline, R. (930) 97
- Lee, K.A., see Tymoczko, J.L. (930) 114
- Lerner, U.H., see Ransjö, M. (930) 378
- Ligabue, A., see Guarnieri, C. (930) 135
- López-Solis, R.O., Allende, C., González, J. and Miranda, D.
Changes in the polypeptide composition related to the growth response in chronically isoproterenol-stimulated mouse parotid glands (930) 463
- Maassen, J.A., Krans, H.M.J. and Möller, W.
The effect of insulin, serum and dexamethasone on mRNA levels for the insulin receptor in the human lymphoblastoid cell line IM-9 (930) 72
- McGowan, C.H., Campbell, D.G. and Cohen, P.
Primary structure analysis proves that protein phosphatases 2C₁ and 2C₂ are isozymes (930) 279
- McNeal, E.T., see Daly, J.W. (930) 470
- Marasco, O., see Fratelli, M. (930) 87
- Mellgren, R.L., Lane, R.D. and Kakar, S.S.
A sarcolemma-associated inhibitor is capable of modulating calcium-dependent proteinase activity (930) 370

- Mencia-Huerta, J.M., see Hirafuji, M. (930) 359
- Menon, G.K., see Feingold, K.R. (930) 193
- Mietto, B.L., Boarato, E., Toffano, G. and Bruni, A.
Lysophosphatidylserine-dependent interaction between rat leukocytes and mast cells (930) 145
- Miranda, D., see López-Solis, R.O. (930) 463
- Moestrup, S.K., Christensen, E.I., Sottrup-Jensen, L. and Gliemann, J.
Binding and receptor-mediated endocytosis of pregnancy zone protein-proteinase complex in rat macrophages (930) 297
- Möller, W., see Maassen, J.A. (930) 72
- Molnar, J., Galles, M., Beezhold, D., Lai, M.Z., Ku, C.S.-L. and Van Alten, P.J.
Definition of fibronectin-mediated uptake of gelatinized latex by liver slices and macrophages (930) 326
- Monboisse, J.-C., see Bellon, G. (930) 39
- Monti, E., see Burlini, N. (930) 220
- Moore, M.R., see Hagley, R.D. (930) 167
- Müller, T., see Fuhr, G. (930) 65
- Muzykantov, V.R., see Sakharov, D.V. (930) 140
- Nagai, Y., see Chiba, T. (930) 10
- Nakajo, S., see Shinkawa, K. (930) 446
- Nakamura, Y., see Shinkawa, K. (930) 446
- Nakaya, K., see Shinkawa, K. (930) 446
- Nånberg, E. and Nedergaard, J.
 α_1 -Adrenergic inositol trisphosphate production in brown adipocytes is Na^+ dependent (930) 438
- Nedergaard, J., see Nånberg, E. (930) 438
- Neeman, M., Rushkin, E., Kaye, A.M. and Degani, H.
 ^{31}P -NMR studies of phosphate transfer rates in T47D human breast cancer cells (930) 179
- Nicholls, D.G., see Kauppinen, R.A. (930) 173
- Nichols, G.E., Shiraishi, T., Allietta, M., Tillack, T.W. and Young, Jr, W.W.
Polarity of the Forssman glycolipid in MDCK epithelial cells (930) 154
- Nikodem, V.M., see Sheer, D.G. (930) 101
- Nossen, J., see Rustan, A.C. (930) 311
- Ochiai, H., see Beppu, M. (930) 244
- Parish, C.R., see Tellam, R.L. (930) 55
- Perlman, R.L., see Cahill, A.L. (930) 454
- Persico, M. and Sottocasa, G.L.
Measurement of sulFOBromophthalein uptake in isolated rat hepatocytes by a direct spectrophotometric method (930) 129
- Peters, R., see Schulz, B. (930) 419
- Pickens, W.L., see Hoath, S.B. (930) 107
- Pillai, S., see Feingold, K.R. (930) 193
- Prescott, S.M., see Satoh, K. (930) 283
- Radrizzani, M., see Burlini, N. (930) 220
- Randoux, A., see Bellon, G. (930) 39
- Ransjö, M. and Lerner, U.H.
Effects of cholera toxin on cyclic AMP accumulation and bone resorption in cultured mouse calvaria (930) 378
- Rossoni, C., see Stefanelli, C. (930) 79
- Rushkin, E., see Neeman, M. (930) 179
- Rustan, A.C., Nossen, J., Tefre, T. and Drevon, C.A.
Inhibition of very-low-density lipoprotein secretion by chloroquine, verapamil and monensin takes place in the Golgi complex (930) 311
- Sakharov, D.V., Muzykantov, V.R., Domogatsky, S.P. and Danilov, S.M.
Protection of cultured endothelial cells from hydrogen peroxide-induced injury by antibody-conjugated catalase (930) 140
- Satoh, K. and Prescott, S.M.
Culture of mesothelial cells from bovine pericardium and characterization of their arachidonate metabolism (930) 283
- Schulz, B. and Peters, R.
Nucleocytoplasmic protein traffic in single mammalian cells studied by fluorescence microphotolysis (930) 419
- Sharma, R. and Timiras, P.S.
Age-dependent regulation of glucocorticoid receptors in the liver of male rats (930) 237
- Sheer, D.G., Cahnmann, H.J. and Nikodem, V.M.
Molecular size of the nuclear thyroid hormone receptor (930) 101
- Shinkawa, K., Nakajo, S., Nakaya, K. and Nakamura, Y.
Purification of substrate proteins of casein kinases from the cytosol fraction of AH-66 hepatoma cells (930) 446
- Shiraishi, T., see Nichols, G.E. (930) 154
- Shuttleworth, T.J., see Dimaline, R. (930) 97
- Siddiqui, S., see Grant, D. (930) 346
- Sihra, T.S., see Kauppinen, R.A. (930) 173
- Sottocasa, G.L., see Persico, M. (930) 129
- Sottrup-Jensen, L., see Moestrup, S.K. (930) 297
- Stefanelli, C., Flamigni, F., Carati, D., Rossoni, C. and Caldarera, C.M.
Effects of dexamethasone on spermidine N^1 -acetyltransferase and ornithine decarboxylase activities in rat spleen (930) 79
- Suchy, F.J., see Hoath, S.B. (930) 107
- Suketa, Y., see Takagi, K. (930) 320
- Takagi, K., Hotta, H. and Suketa, Y.
Changes of phospholipase A_2 inhibitory activity in the K^+ -sensitive actin gelation factor during the differentiation of myeloid leukemia cells (930) 320
- Takashima, A. and Koike, T.
Nicardipine-sensitive enhancement of high K^+ -evoked dopamine release in PC12 cells pretreated with 12-*O*-tetradecanoylphorbol 13-acetate (930) 264
- Tefre, T., see Rustan, A.C. (930) 311
- Tellam, R.L. and Parish, C.R.
The effect of sulfated polysaccharides on the free intracellular calcium ion concentration of lymphocytes (930) 55
- Thorndyke, M.C., see Dimaline, R. (930) 97
- Thwaites, D.T., see Dimaline, R. (930) 97
- Tillack, T.W., see Nichols, G.E. (930) 154
- Timiras, P.S., see Sharma, R. (930) 237
- Toffano, G., see Mietto, B.L. (930) 145
- Torner, H., see Fuhr, G. (930) 65

- Tortora, P., see Burlini, N. (930) 220
- Tymoczko, J.L., Anderson, E.E., Lee, K.A. and Unger, A.L.
The ability to convert the 4 S glucocorticoid receptor to the 7-8 S form is dependent on both RNA and protein factors (930) 114
- Tysnes, O.-B., Verhoeven, A.J.M. and Holmsen, H.
Studies on the preferential incorporation of [^3H]glycerol over [^{32}P]phosphate into major phospholipids of human platelets (930) 338
- Unger, A.L., see Tymoczko, J.L. (930) 114
- Urushidani, T., Hanzel, D.K. and Forte, J.G.
Protein phosphorylation associated with stimulation of rabbit gastric glands (930) 209
- Van Alten, P.J., see Molnar, J. (930) 326
- Van Nooij, I.G.P., see Willems, P.H.G.M. (930) 230
- Verhoeven, A.J.M., see Tysnes, O.-B. (930) 338
- Willems, P.H.G.M., Van Nooij, I.G.P., Haenen, H.E.M.G. and De Pont, J.J.H.H.M.
Phorbol ester inhibits cholecystokinin octapeptide-induced amylase secretion and calcium mobilization, but is without effect on secretagogue-induced hydrolysis of phosphatidylinositol 4,5-bisphosphate in rabbit pancreatic acini (930) 230
- Williams, M.L., see Feingold, K.R. (930) 193
- Younes, M., Jensen, R.T. and Gardner, J.D.
Cholecystokinin-induced residual stimulation of enzyme secretion from mouse pancreatic acini (930) 410
- Young, J., see Dimaline, R. (930) 97
- Young, Jr, W.W., see Nichols, G.E. (930) 154

